Higher genus Gromov-Witten invariants via NMSP

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Higher genus Gromov-Witten invariants of compact Calabi-Yau threefolds are studied extensively by mathematicians and physicists. These GW invariants are conjectured to have some inner structures, called BCOV Feynman summation rule. We will talk about the recent work of using N-mixed-spin-P-fields (NMSP for short) to solve this conjecture.